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### 1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997

**Proceedings of the 1997 conference of the Centre for Advanced Studies**

Full text available: [pdf\(4.21 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [refer](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on proce the execution of the application. The visualization tool we use is Poet, an event tracer developed a complex and do not provide the user with the desired overview of the application. In our experien

### 2 [Steps towards an ecology of infrastructure: complex problems in design and access for large](#)

Susan Leigh Star, Karen Ruhleder

October 1994

**Proceedings of the 1994 ACM conference on Computer supported coopera**

Full text available: [pdf\(1.49 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [refer](#)

This paper analyzes the initial phases of a large-scale custom software effort, the Worm Communi dispersed community of geneticists. Despite high user satisfaction with the system and interface, i difficulties in signing on and use, ranging from simple lack of resources to complex organizational

**Keywords:** collaboratory, ethnography, infrastructure, organizational computing, participatory de

### 3 [Pen computing: a technology overview and a vision](#)

André Meyer

July 1995

**ACM SIGCHI Bulletin**, Volume 27 Issue 3

Full text available: [pdf\(5.14 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [citing](#)

This work gives an overview of a new technology that is attracting growing interest in public as we technologies is in the use of a pen or pencil as the primary means of interaction between a user ar metaphor. From this follows a set of consequences that will be analyzed and put into context with historic ...

### 4 [An open architecture for next-generation telecommunication services](#)

Gregory W. Bond, Eric Cheung, K. Hal Purdy, Pamela Zave, J. Christopher Ramming

February 2004

**ACM Transactions n Internet Technology (TOIT)**, Volume 4 Issue 1

Full text available: [pdf\(237.24 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [refer](#)

An open (in the sense of extensible and programmable) architecture for IP telecommunications m interaction. We describe our experience with BoxOS, an IP telecommunication platform that imple solutions to problems, common to all efforts in IP telecommunications, of feature distribution, inte addresses many deficiencie ...

**Keywords:** Component architectures, Intelligent Network architecture, Session Initiation Protocol systems, network addressing, network interoperation, network optimization, network protocols, se

##### 5 Integrated multimedia messaging concepts and applications

Arturo Pizano, Tai-Yuan Hou

February 1996 **Proceedings of the 1996 ACM symposium on Applied Computing**

Full text available:  pdf(641.36 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

##### 6 Description and Analysis: ChangeDetector™: a site-level monitoring tool for the WWW

Vijay Boyapati, Kristie Chevrier, Avi Finkel, Natalie Glance, Tom Pierce, Robert Stockton, Chip Whitm May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available:  pdf(582.12 KB)

Additional Information: [full citation](#), [abstract](#), [refer](#)

This paper presents a new challenge for Web monitoring tools: to build a system that can monitor to discover "silent news" hidden within corporate web sites. Examples of silent news include reorg. product line. ChangeDetector, an implemented prototype, addresses this challenge by incorporatir co ...

**Keywords:** URL monitoring, classification, information extraction, intelligent crawling, machine le.

##### 7 Collaborative, programmable intelligent agents

Bonnie A. Nardi, James R. Miller, David J. Wright

March 1998 **Communications of the ACM**, Volume 41 Issue 3

Full text available:  pdf(202.42 KB)

Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#)

##### 8 Situated information spaces and spatially aware palmtop computers

George W. Fitzmaurice

July 1993 **Communications of the ACM**, Volume 36 Issue 7

Full text available:  pdf(4.19 MB)

Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#), [review](#)

**Keywords:** 3D control and display, information access, palmtop computers

##### 9 TeleNotes: managing lightweight interactions in the desktop

Steve Whittaker, Jerry Swanson, Jakov Kucan, Candy Sidner

June 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue :

Full text available:  pdf(1.01 MB)

Additional Information: [full citation](#), [abstract](#), [refer](#)

Communication theories and technology have tended to focus on extended, formal meetings and t communication—namely, lightweight communication. Unlike formal, extended meetings, lightweig analyze naturalistic data from a study of work-place communication and derive five design criteria systems for lightwe ...

**Keywords:** audio, awareness, computer-media spaces, conversation management, impromptu co lightweight interaction, mediated communication, remote collaboration, task management, video

10 Electronic commerce: a half-empty glass?

Sasa Dekleva


June 2000 **Communications of the AIS**

Full text available:  pdf(343.49 KB) Additional Information: [full citation](#), [references](#)

11 Educating a new engineer

Peter J. Denning

December 1992 **Communications of the ACM**, Volume 35 Issue 12

Full text available:  pdf(10.14 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index](#)

12 Level II technical support in a distributed computing environment

Tim Leehane

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

Full text available:  pdf(5.73 MB) Additional Information: [full citation](#), [references](#), [index term](#)

13 Session 2: Passive capture and ensuing issues for a personal lifetime store

Jim Gemmell, Lyndsay Williams, Ken Wood, Roger Lueder, Gordon Bell

October 2004 **Proceedings of the the 1st ACM workshop on Continuous archival and retrieval**

Full text available:  pdf(1.05 MB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Passive capture lets people record their experiences without having to operate recording equipment. Advantages are increased capture, and improved participation in the event itself. However, passive capture also presents challenges, such as how to deal with the increased volume of media for retrieval, browsing, and organizing. This paper discusses these issues and presents a number of ...

**Keywords:** MyLifeBits, SenseCam, database, multimedia, photo

14 Session 3: Personal chronicling tools for enhancing information archival and collaboration in

Pilho Kim, Mark Podlaseck, Gopal Pingali

October 2004 **Proceedings of the the 1st ACM workshop on Continuous archival and retrieval**

Full text available:  pdf(590.93 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

One of the greatest challenges in enterprises today is the lack of dynamic and ongoing information. Such "personal chronicles" can provide rich benefits at both an individual and enterprise level. For individuals, they can effectively retrieve and review their activities and interactions, while at an enterprise level they can

**Keywords:** XML, action capture, browse, business process modeling, chronicle, context modeling, interfaces, mobile, monitoring, pervasive systems, presentation systems, publication, publishing, retrieval

15 Noncommand user interfaces

Jakob Nielsen

April 1993 **Communications of the ACM**, Volume 36 Issue 4

Full text available:  pdf(6.81 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**16 Geospatial mapping and navigation of the web**

Kevin S. McCurley

April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available:  pdf(1.06 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** browsers, geographic information systems, geospatial information retrieval, navigation

**17 How can cooperative work tools support dynamic group process? bridging the specificity from**

Abraham Bernstein

December 2000 **Proceedings of the 2000 ACM conference on Computer supported cooperative work**

Full text available:  pdf(200.96 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

In the past, most collaboration support systems have focused on either automating fixed work processes or providing results in systems that are usually inflexible and difficult to change or that provide no specific support for dynamic group processes.

This paper describes a new kind of tool that bridges the gap between these two approaches by flexibly supporting highly specified ...

**Keywords:** dynamic/improvisational change, mixed-initiative systems, process specificity, process support

**18 Experiences in developing collaborative applications using the World Wide Web "shell"**

Andreas Girgensohn, Alison Lee, Kevin Schueter

March 1996 **Proceedings of the seventh ACM conference on Hypertext**

Full text available:  pdf(2.36 MB) Additional Information: [full citation](#), [references](#), [citations](#)

**Keywords:** HTTP server and clients, World Wide Web, awareness and familiarization, collaborative work environments, portholes, rapid prototyping, work groups

**19 IS '97: model curriculum and guidelines for undergraduate degree programs in information systems**

Gordon B. Davis, John T. Gorgone, J. Daniel Cougar, David L. Feinstein, Herbert E. Longenecker

December 1997 **ACM SIGMIS Database , Guidelines for undergraduate degree programs in information systems**, Volume 28 Issue 1

Full text available:  pdf(7.24 MB) Additional Information: [full citation](#), [citations](#)

**20 Current technological impediments to business-to-consumer electronic commerce**

Gregory Rose, Huoy Khoo, Detmar W. Straub

June 1999 **Communications of the AIS**

Full text available:  pdf(479.36 KB) Additional Information: [full citation](#), [references](#), [citations](#)

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